

VISIT...

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31^o

Curso Internacional de Verão

do Centro de Educação Profissional
Escola de Música de Brasília

14 a 31 de janeiro de 2009



Apostila de Baixo Elétrico Prof: Jorge Helder

Agradecimentos às nações participantes

Alemanha, França, Hungria, Inglaterra, Itália, Portugal e Rússia

Realização



Secretaria
de Estado de Educação



CFSAS
Centro de Ensino
Supletivo Asa Sul



Apoio

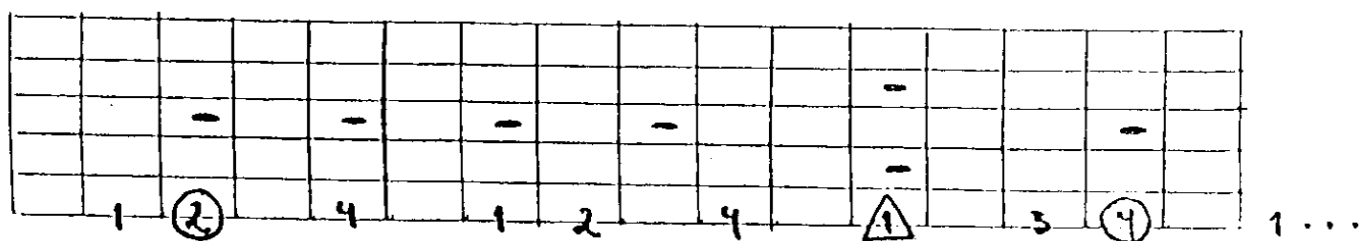
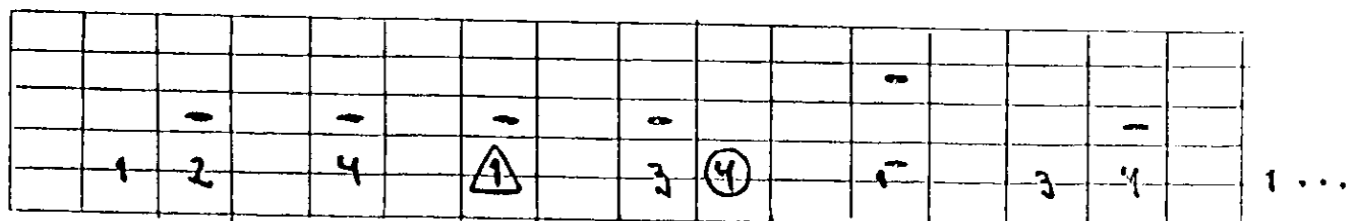
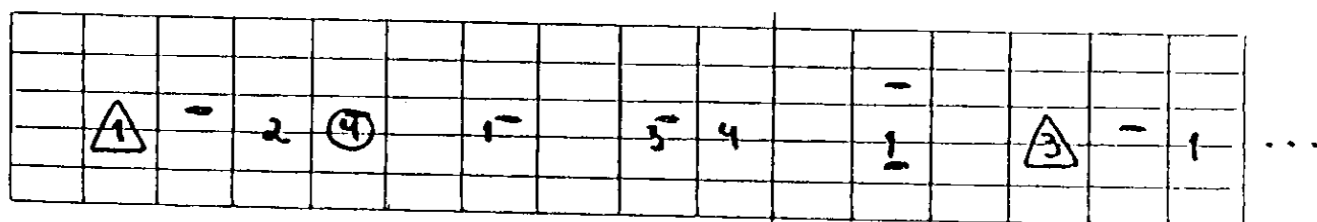
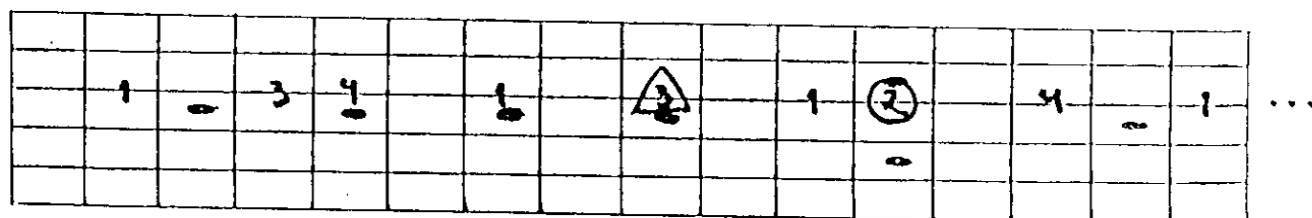
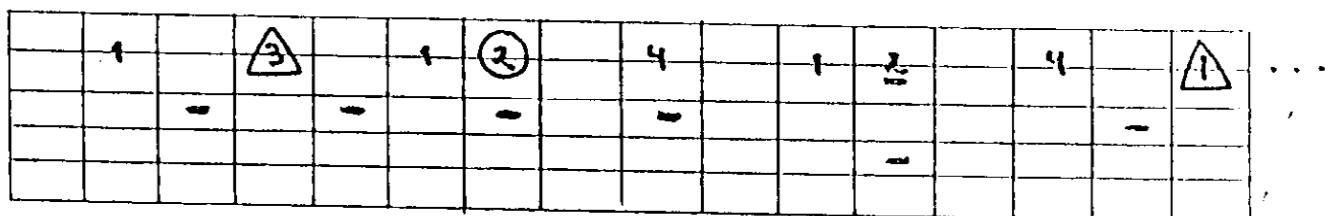
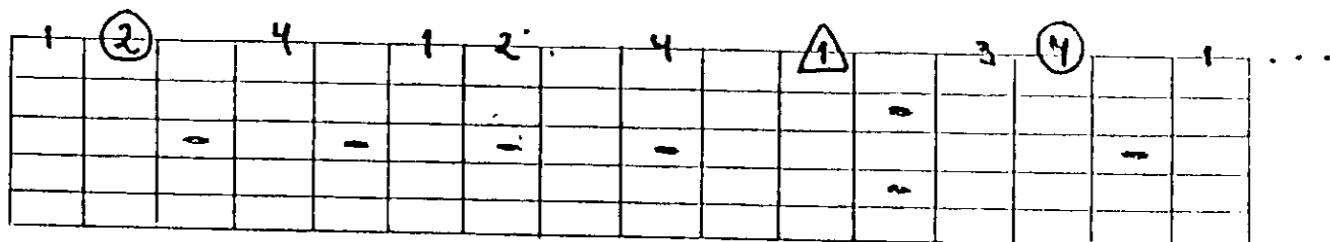
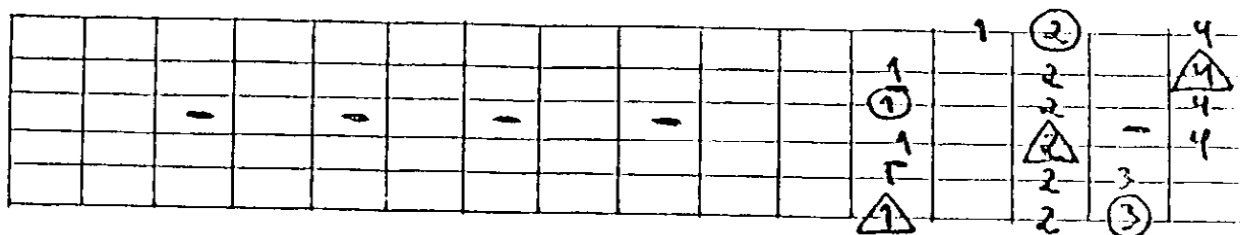
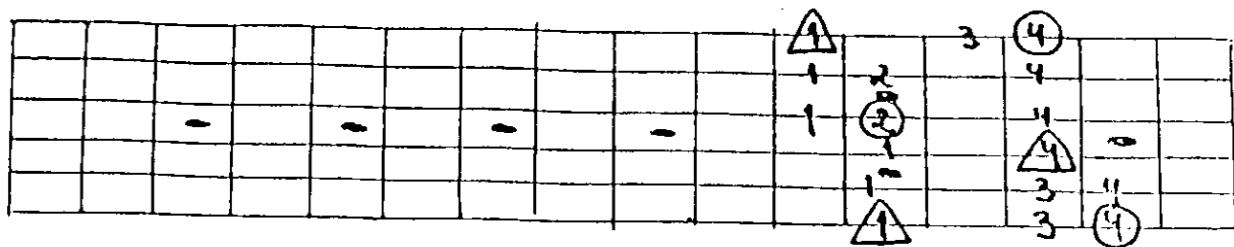
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LEGAB

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DIGITAÇÕES DA ESCALA MAIOR (D→♯) E MENOR (Bm→♭) 2



MODOS GREGOS

4

Jorge Helder

C Iônico: C6/7M/9



C Dórico: Cm7/9/11/13



C Frígio: Csus4/7(b9)(b13)



C Lídio: C7M/9(#11)13



C Mixolídio: C7/9/11/13



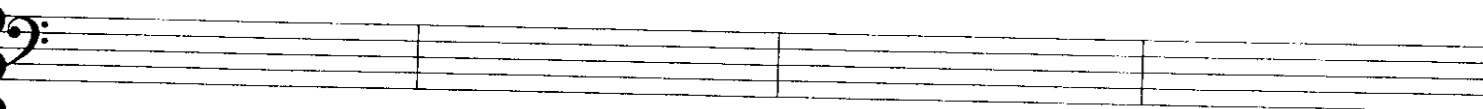
C Eólio: Cm7/9/11(b13)



C Lócrio: Cm7(b5)



Exercícios diatônicos



1

LEGDAEB

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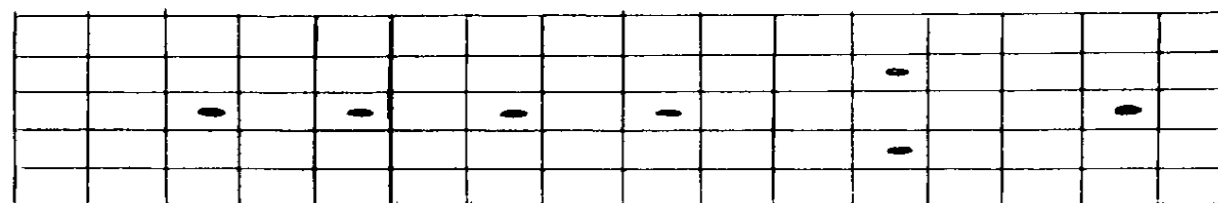
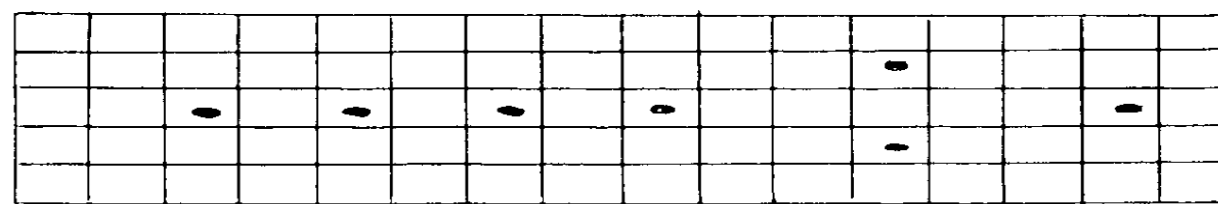
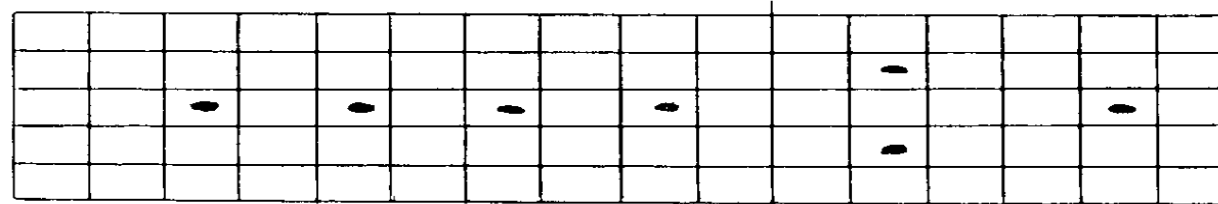
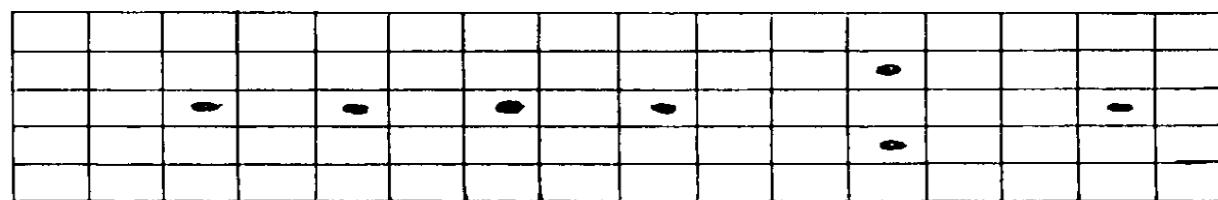
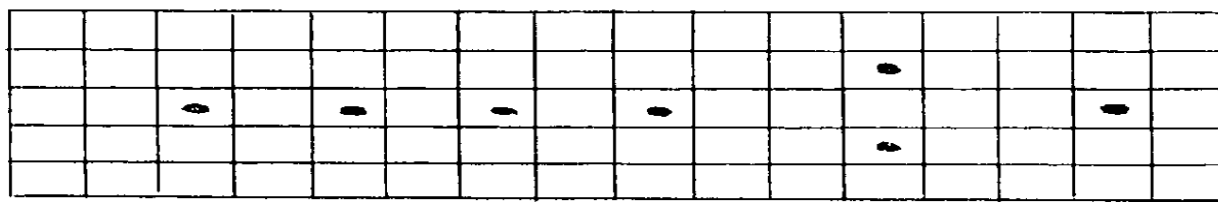
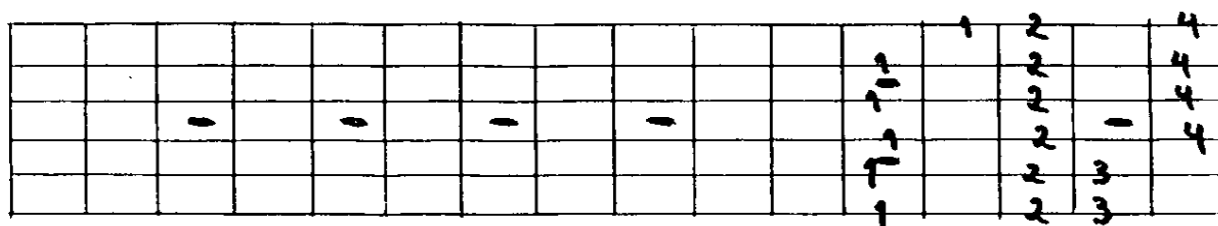
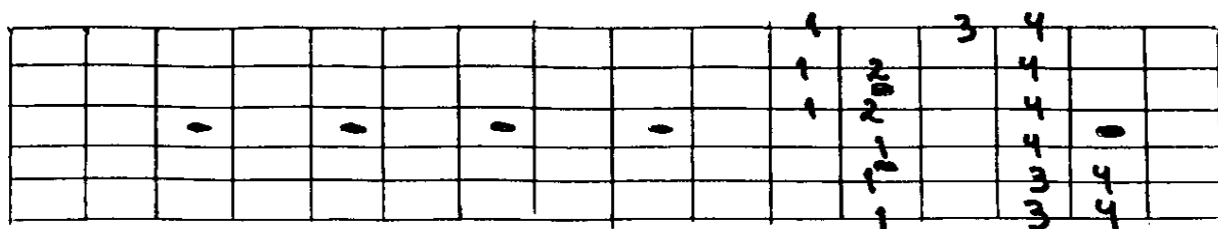
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				1		2		4									
				1	2			4									

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							1		3	4		-					
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								1	1	2	2	4			
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								1	2	3	5				
							1	1	2						
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									2						

								1		2		4					
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EGDAEB



MODOS DA ESCALA MENOR MELÓDICA

13

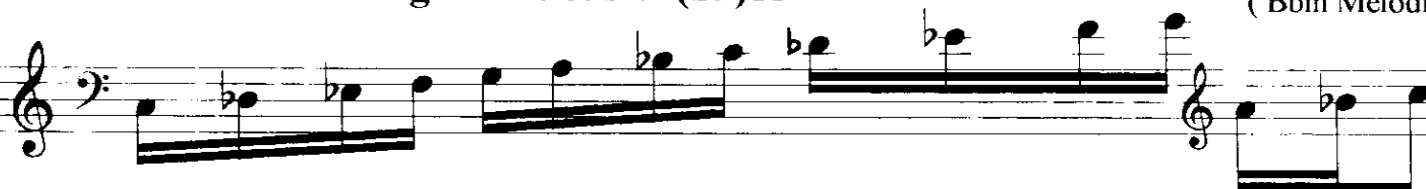
Jorge Helder

Cm Melódico: 7M/9/11/13



C Dórico b2 ou Frígio 6M: sus4/7(b9)13

Escala equivalente :
(Bbm Melódico)



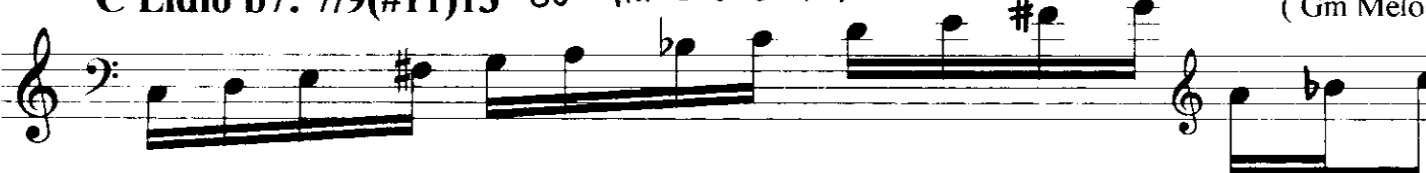
C Lídio #5: 7M(#5)9(#11)13

Escala equivalente:
(Am Melódico)



C Lídio b7: 7/9(#11)13 ou Mixolídio #4

Escala equivalente:
(Gm Melódico)



C Mixolídio b13: 7/9/11(b13)

Escala equivalente:
(Fm Melódico)



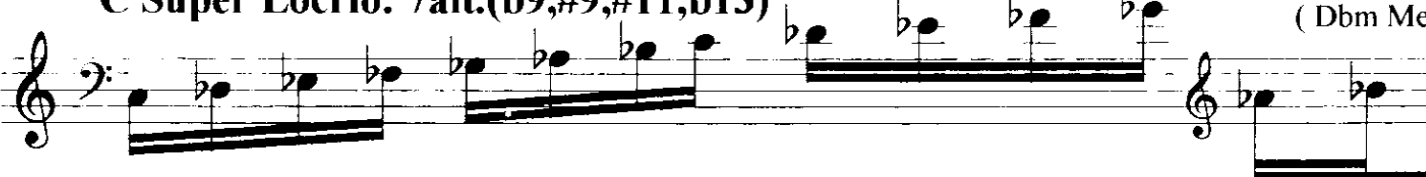
C Lócrio 9M: m7(b5)9/11(b13)

Escala equivalente:
(Ebm Melódico)



C Super Lócrio: 7alt.(b9,#9,#11,b13)

Escala equivalente:
(Dbm Melódico)



DIGITAÇÕES DOS MODOS DA MENOR MELÓDICA

Ex: em C ^{13,1}

[em MELÓDICA

							1	1	2	3	④				
							1	1	②		④				
							①		2		④				
									2		④				
									2		④				
									3		④				

[em (7M)

[em MELÓDICA

										1	②				
											②				
											②				
											②				
											②				
											②				

[em (7M)

[DÓRICO b2 ou FRÍGIO 6M

							1	1	2	3	④				
							1	1	③		④				
							①		③		④				
									3		④				
									3		④				
									4		④				

[sus4/7 (b9) 13

[DÓRICO b2 ou FRÍGIO 6M

											①				
											①				
											①				
											①				
											①				
											①				

[sus4/7 (b9) 13

[LÍDIO #5

							1	1	2	3	④				
							1	1	②		④				
							①		2		④				
									3		④				
									3		④				
									4		④				

[7M (#5)

[LÍDIO #5

											①				
											①				
											①				
											①				
											①				
											①				

[7M (#5)

[LÍDIO b7 ou Mixolídio #4

							1	1	2	3	④				
							1	1	①		④				
							①		2		④				
									3		④				
									3		④				
									4		④				

[7/9/13 (#11)

[LÍDIO b7 ou Mixolídio #4

										1	①				
											①				
											①				
											①				
											①				
											①				

[7/9/13 (#11)

Exercícios c/ a menor melódica



19

EGDAEB

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								1	2			4				
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Cm Harmônico



C Iônico #5: C7M(#5)11



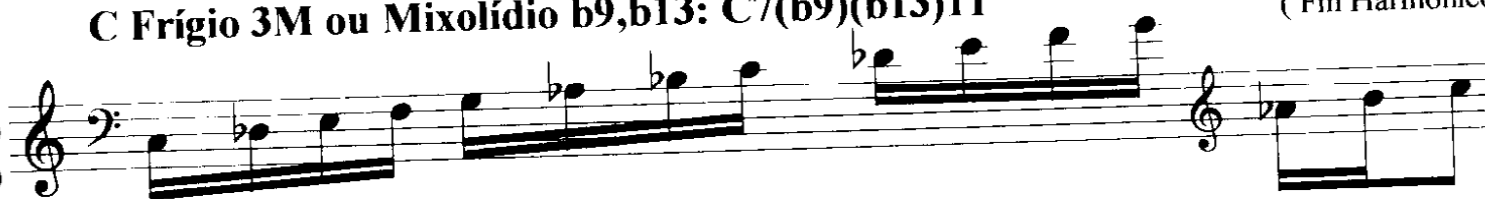
Escala equivalente
(Am Harmônico)

C Dórico #4: Cm7(#11)



Escala equivalente
(Gm Harmônico)

C Frígio 3M ou Mixolídio b9,b13: C7(b9)(b13)11



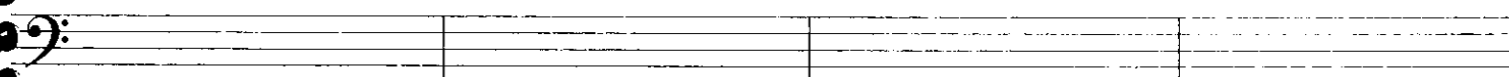
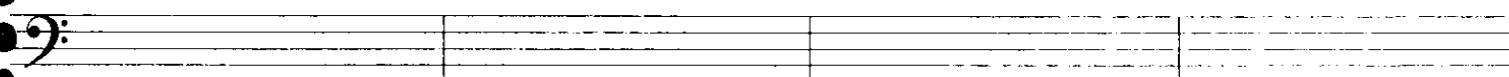
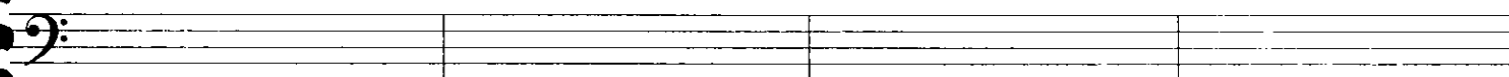
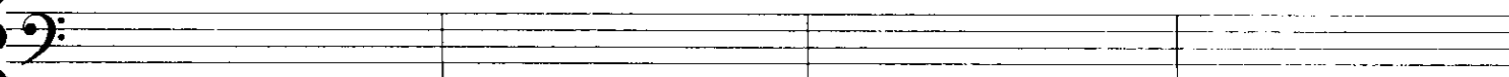
Escala equivalente
(Fm Harmônico)

C Lídio #9: C7M(#9)(#11)



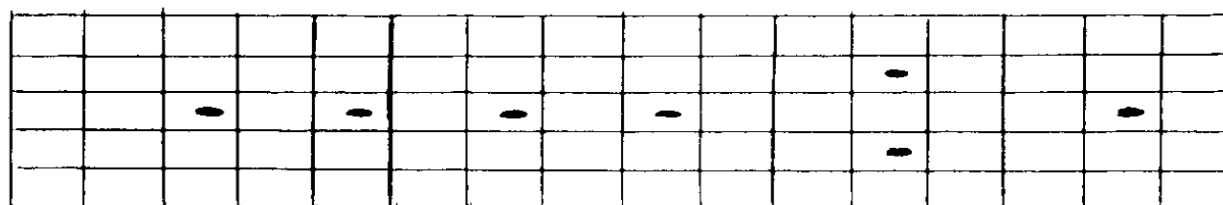
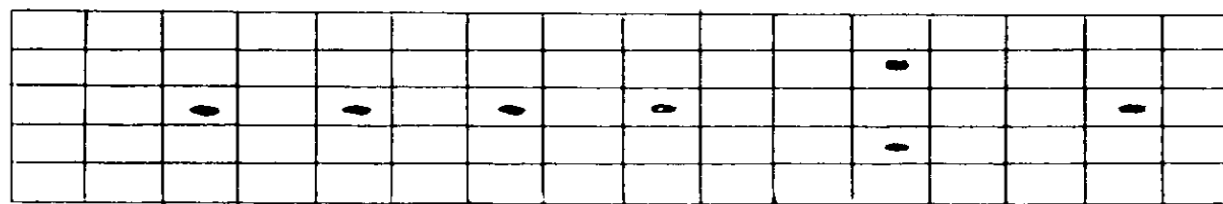
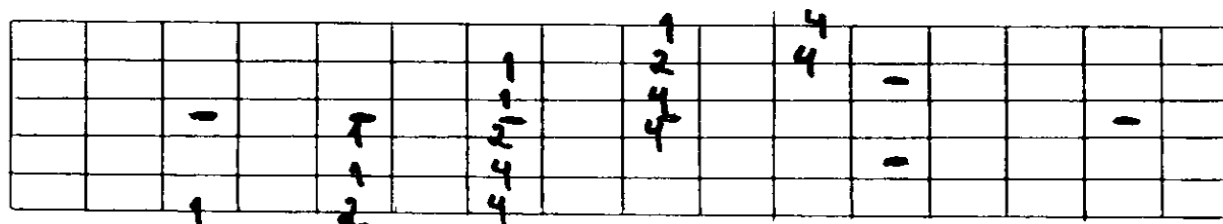
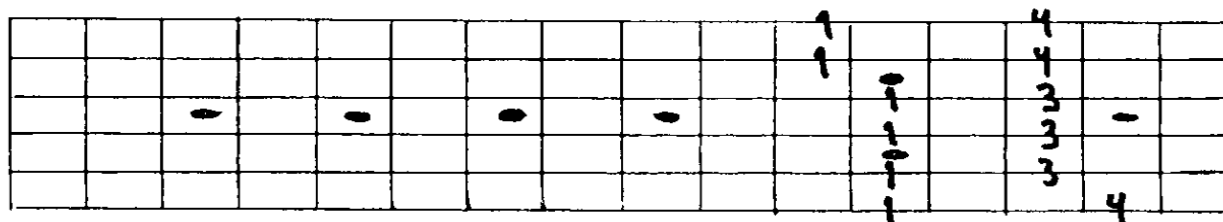
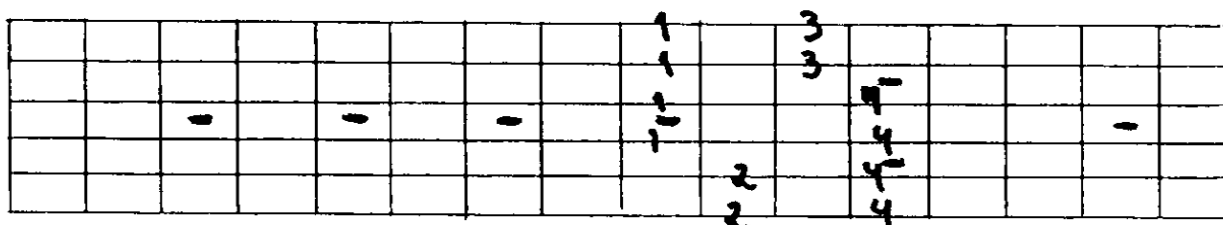
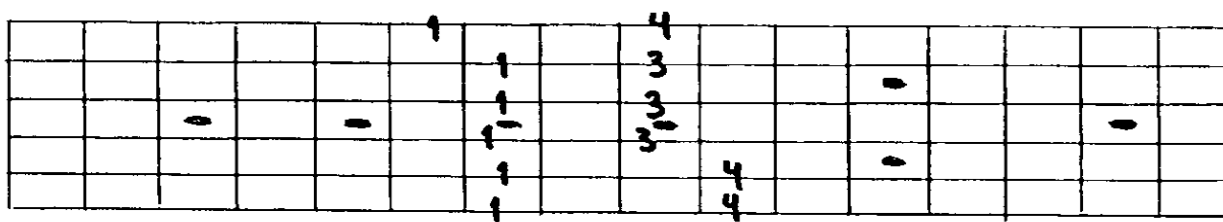
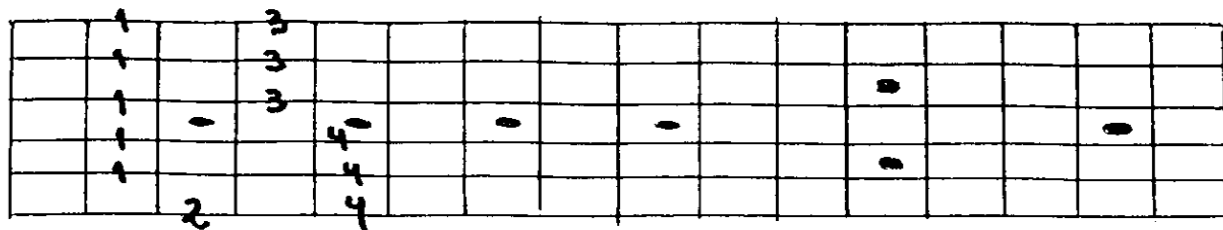
Escala equivalente
(Em Harmônico)

Exercícios menor harmônica

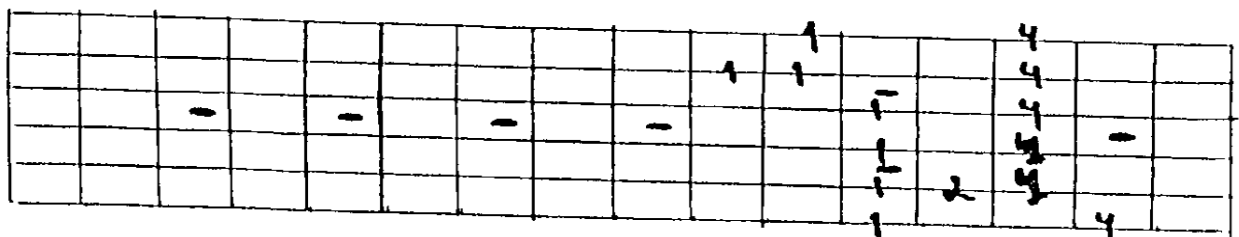


PENTATÔNICA

EGDAB



22



APLICAÇÕES DAS ESCALAS PENTATÔNICA E BLUES

EX: PENTATÔNICA DE (Dm): D, F, G, A, C
PENTATÔNICA DE (F): F, G, A, C, D

APLICA-SE NOS ACORDES MENORES: Cm7, Dm7, Gm7

NOS SEUS RELATIVOS MAIORES: Eb7M, F7M, Bb7M

ACORDES DOMINANTES: C7, F7, G7, B7(alt.)

SUS: Csus4/7, Fsus4/7, Gsus4/7

OBS. A ESCALA DE (Dm BLUES) OU (F BLUES) PODE SER UTILIZADA NESSES MESMOS ACORDES DA PENTATÔNICA.

TONS INTEIRDS

29

E
G
D
A
E
B

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		1		2	4										
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			1	1	4	4									
				1	1	4	4								

DIGITAÇÕES DA ESCALA DIMINUTA (D°) 23

LEGENDA

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						1	1	1	3	4							
						1	1	1	3	4							
						1	1	1	3	4							
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ARPEJO DIMINUTO

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						1	4	4									
						1	4	4									
						1	4	4									
						1	4	4									

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			1	1	2	4											

1	1		4	4													
1	1	2	4	4													

EGDAEB

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Ex. CD1

CD1

Handwritten musical notation on four staves, each with a treble clef and a common time signature (C). The notation is organized into four measures per staff, with various chord symbols written above and below the staves.

Staff 1:

- Measure 1: Dm^7_9 (with E^7M written below)
- Measure 2: $G^7_9_{13}$ (with A^7 written below)
- Measure 3: C^7M (with G^7M, E^7M and $D^7_9M (PENT)$ written below)
- Measure 4: F^7M

Staff 2:

- Measure 1: Fm^7_9
- Measure 2: $Bb^7_9_{13}$
- Measure 3: Eb^7M
- Measure 4: Ab^7M

Staff 3:

- Measure 1: $G^{\#}m^7_9$
- Measure 2: $C^{\#}7_9_{13}$
- Measure 3: $F^{\#}7M$
- Measure 4: B^7M

Staff 4:

- Measure 1: Bm^7_9
- Measure 2: $E^7_9_{13}$
- Measure 3: A^7M
- Measure 4: D^7M

MENOR MELÓDICA (Cm melód.)

Ex: CD 2

Handwritten musical notation for Ex: CD 2. The staff shows a sequence of chords: Cm (7m), D⁷(b9)_{11 13}, Eb^{7M}(#5), F⁷_g(#11)₁₃, G⁷_g(b13), Am⁷(b5), and B⁷(ALT).

EX. DE PROGRESSÕES

CD 3

Handwritten musical notation for EX. DE PROGRESSÕES CD 3. The progression consists of four staves, each with two measures. The chords are: G⁷(#5)_g (Cm MEL), Cm^{7m}_g (Cm MEL), Fm⁷_{Eb}, Bb⁷₁₃, Eb^{7M}(#5) (Cm MEL), Am⁷(b5) (Cm MEL), D⁷(b9)_{Eb} (Cm MEL), Gm⁷_g (F), B⁷(#9) (Cm MEL), F⁷_g₁₃ (Cm MEL), Em⁷_g (D), and D. A "sub 5" annotation is present above the F⁷_g₁₃ chord.

MENOR HARMÔNICA (Am HARMÔN.)

Handwritten musical notation for the Am Harmonic scale in bass clef. The scale consists of seven whole notes: A, B, C, D, E, F, and G#. Each note is accompanied by its corresponding chord symbol: Am(7M), B7(b9)1113, C7M(#5), Dm7, E7(b9)11(b13), F7M(#9)(#11), and G#°(b9).

SEQUÊNCIA HARMÔNICA CD4

Handwritten musical notation for a harmonic sequence in bass clef. The sequence consists of two staves. The first staff contains three measures: C7M(#5) over C Am H, Dm7(b5) over Dm7, and D° over E/D Am H. The second staff contains three measures: E7(b9) over E Am H, E7sus4(b9) over E Am H, and F7M(#9)(#11) over F Am H. The sequence ends with a double bar line.

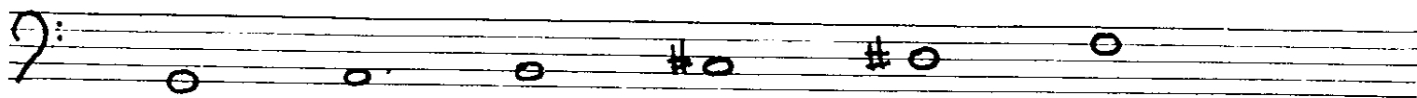
DIMINUTA

Handwritten musical notation on a single staff, showing a sequence of chords and notes. The notes are: F, F#, G#, A, B, C, D, E. The chords are: F7(b9)13, F#7, G#7(b9)13, A7, B7(b9)13, C7, D7(b9)13, E7. The notes are written as whole notes, and the chords are written below the staff.

Ex: CD 5

Handwritten musical notation on a single staff, showing a sequence of chords and notes. The notes are: F, F#, G, A, B, C, D, E. The chords are: F#7(b9)13, F7(b9)13, F7/Eb, B7(#9)13, Bbm7, F#7(b9)13, F7(b9)13, F7/Eb, B7(#9)13, Bb6, C7(b9)13, B7(b9)13, B7/A, F7(#9)13, Em7, C7(b9)13, B7(b9)13, B7/A, F7(#9)13, E6, E7(b9)13, D7(b9)13, D7/C, Ab7(#9)13, Gm7, E7(b9)13, D7(b9)13, D7/C, Ab7(#9)13, G6, A7(b9)13, G#7(b9)13, G#7/F#, D7(#9)13, C#m7, A7(b9)13, G#7(b9)13, G#7/F#, D7(#9)13, C#6.

TONS INTEIROS

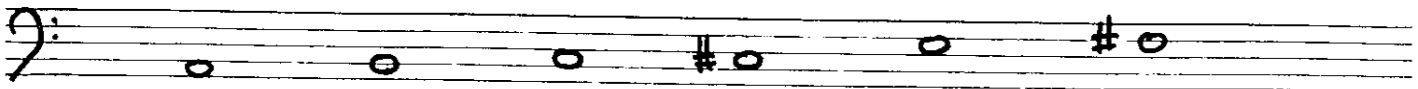


Ex: CD 6

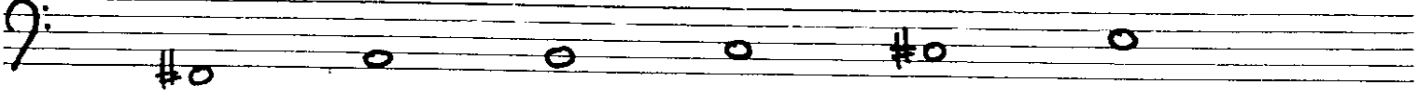
Two musical staves in treble clef, each with a common time signature 'C'. The first staff contains the following chords: G⁷(#5)₉, C₆, A⁷(#5)₉, D₆, B⁷(#5)₉, and E₆. The second staff contains the following chords: C^{#7}(#5)₉, F[#]_{m7}, E^{b7}(#5)₉, A^b_{m7}, F⁷(#5)₉, and B^b_{m7}.

ESCALA BLUES

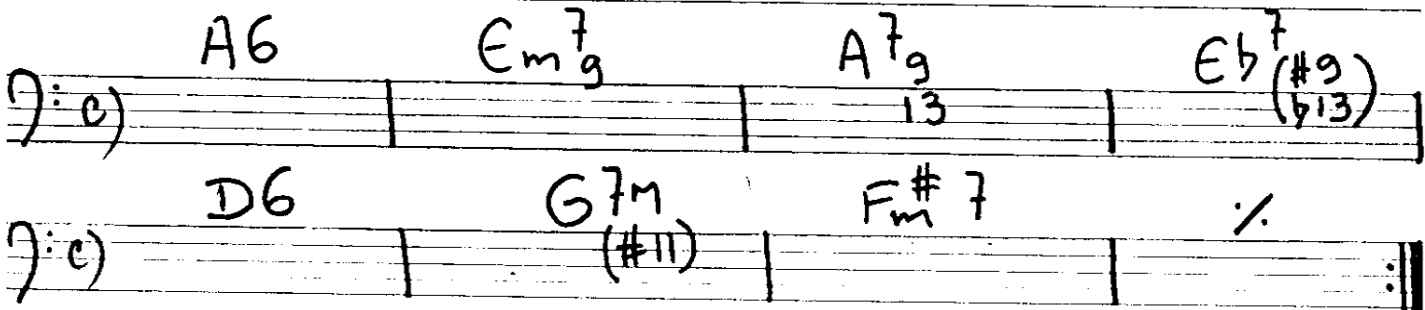
MAIOR - A



MEIOR - F#



SEQUÊNCIA DE ACORDES EX: CD 7



ESCALA PENTATÔNICA

MAIOR. E $\flat$

7: $\flat$ $\circ$ $\circ$ $\flat$ $\circ$

MENOR. C $\flat$

7: $\circ$ $\flat$ $\circ$ $\circ$ $\flat$

SUGESTÕES DE ACORDES PARA O USO DA PENTAT.

E $\flat$ ou C $\flat$ Ex: C D $\flat$

7: C $\flat$ 7 | D $\flat$ sus^4_7 ($\flat 9$) | E $\flat$ 7_9 | F $\flat$ 7_9

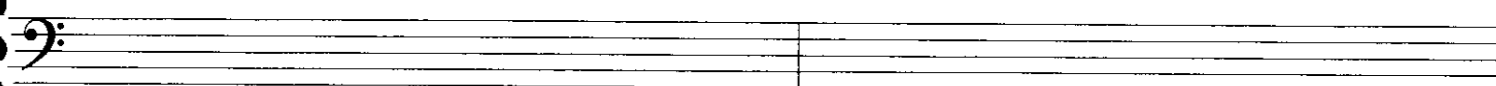
7: G sus^4_7 ($\sharp 9$) ($\flat 13$) | A $\flat$ 7_M A $\flat$ ($\sharp 5$) | B $\flat$ sus^4_7 ($\flat 9$) | B $\flat$ 7_{13} | E $\flat$ 6_9

7: D $\flat$ 7_M ($\sharp 11$) :||

Variações de samba

Jorge Helder

progressão : C , A7 , Dm , G7



Baixo-variaões

progres. C, A7, Dm, G7

10

11

12

13

14

15

16

17

18

19

20

5/4 -- 7/4

